

**ABSTRACT**

System and method for distributed device control. The method may be implemented in the kernel of an operating system and may include receiving at least one request regarding at least one designated device of a plurality of devices from at least one application program. The request is then communicated to the designated device(s) via a well-known communication protocol. Information is then received from the designated device and forwarded to the application program that sent the request. The system may include a processor and a memory coupled to a bus, at least one application program, and a communications server integrated with an operating system. The communication server passes information between the application program and devices using a communication protocol. The communication protocol in the method and system may be the User Datagram Protocol/Internet Protocol (UDP/IP).